

What is Claimed is:

1. A compressor comprising:

a piston mounted to reciprocate inside of a cylinder for drawing a working fluid into an inside of the cylinder, compressing, and discharging the working fluid to an outside of the cylinder;

a connecting rod connected between a crank shaft and the piston for converting a rotating movement of the crank shaft into reciprocating movement of the piston;

a piston pin arranged to pass the cylinder and one end of the connecting rod at the same time; and

an oil passage formed to make a clearance between an inside surface of the one end of the connecting rod and an outside surface of the piston pin in communication with an outside of the clearance.

2. The compressor as claimed in claim 1, wherein the oil passage makes the clearance and a piston chamber, a hollow in a bottom end of the piston, in communication.

3. The compressor as claimed in claim 1, wherein the oil passage is provided to the piston.

4. The compressor as claimed in claim 3, wherein the oil passage is provided to one surface of an inside of the piston the one end of the connecting rod is in contact therewith.

5. The compressor as claimed in claim 3, wherein the oil passage is provided to one surface of an inside of the piston the one end of the connecting rod is in contact therewith, and

the other surface of the inside of the piston opposite to the one surface of the inside of the piston.

6. The compressor as claimed in claim 1, wherein the oil passage is provided to the one end of the connecting rod.

7. The compressor as claimed in claim 6, wherein the oil passage is provided to one surface of the one end of the connecting rod in contact with the one surface of the inside of the piston.

8. The compressor as claimed in claim 6, wherein the oil passage is provided to one surface of the one end of the connecting rod in contact with one surface of an inside of the piston, and the other surface of the one end of the connecting rod opposite to the one surface of the one end of the connecting rod.

9. The compressor as claimed in claim 6, wherein the oil passage is provided to pass through the one end of the connecting rod.

10. The compressor as claimed in claim 1, wherein a plurality of the oil passage are along a radial direction of the piston.